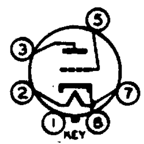
6L5-G

6L5-G

DETECTOR AMPLIFIER TRIODE

Heater	Coated Unipotential Cathode	
Voltage	6.3	a-c or d-c volts
Current	0.15	amp.
Direct Interelectrode Capacitances:⊙		
Grid to Plate	2.7	μμf
Grid to Cathode	3.0	μμf
Plate to Cathode	5.0	μμf
Maximum Overall Length		4-1/8"
Maximum Diameter		1-9/16"
Bulb		ST-12
Base		Small Shell Octal 6-Pin



BOTTOM VIEW

Pin 1-No Connection	Pin 5-Grid
Pin 2-Heater	Pin 7-Heater
Pin 3-Plate	Pin 8-Cathode

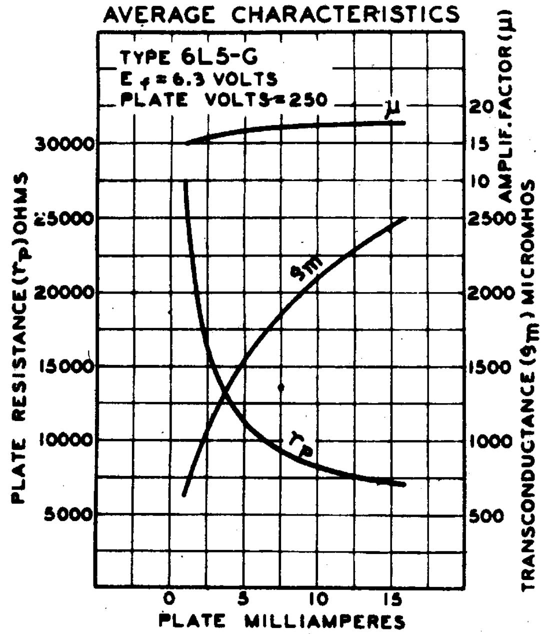
AMPLIFIER - Class A

Operating Conditions and Characteristics:

Heater *	6.3	6.3	volts
Plate	135	250 max.	volts
Grid	-5	-9	volts
Amp. Fact.	17	17	
Plate Res.	11200	9000	ohms
Transcond.	1500	1900	μmhos
Plate Cur.	3.5	8	ma.
Grid Bias **	-11	-20	approx. volts

** For cathode current cut-off.
* In circuits where the cathode is not directly connected to the heater, the potential difference between heater and cathode should be kept as low as possible.
⊙ With tight-fitting shield.

AVERAGE CHARACTERISTICS



92C-4894

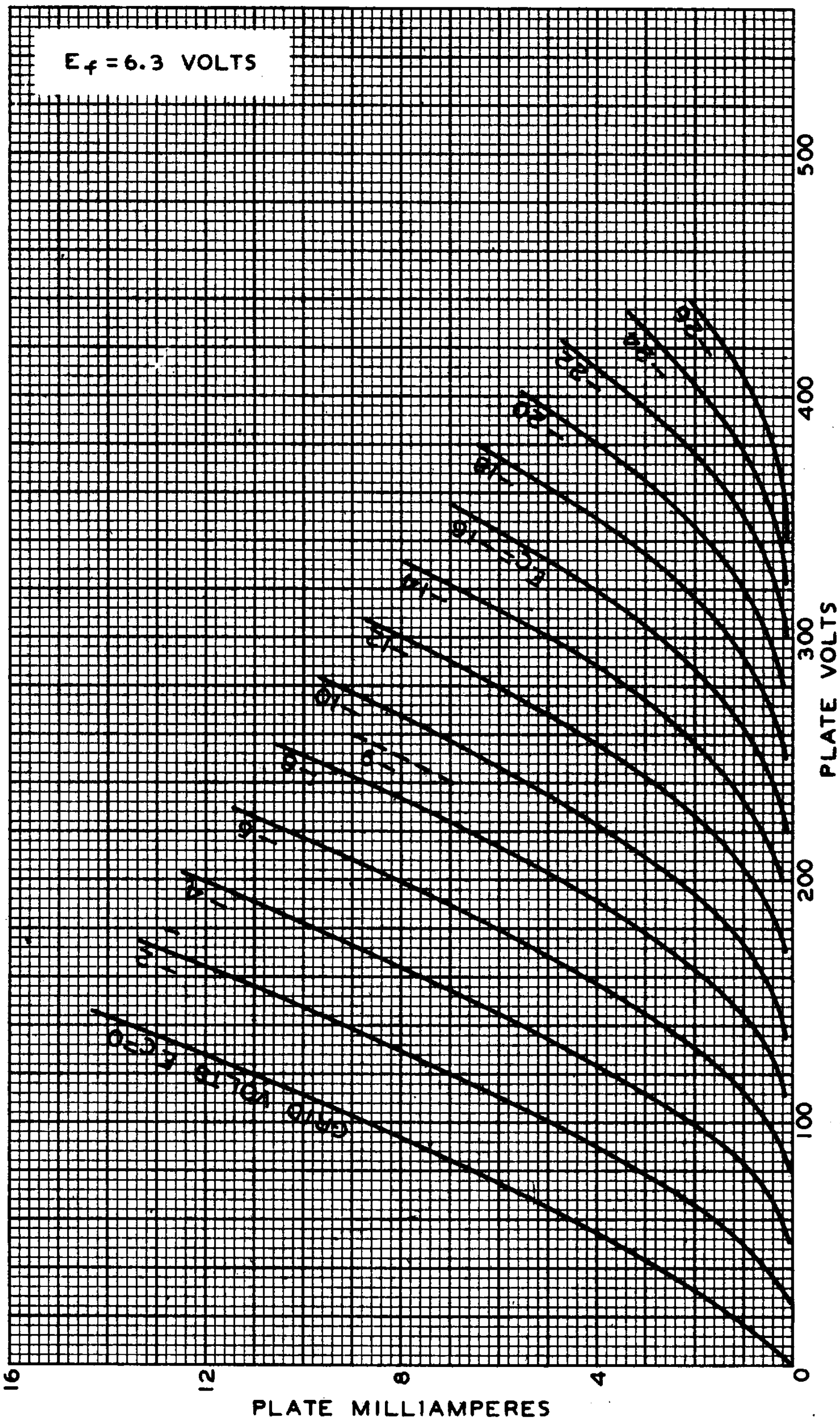
APRIL 20, 1938 DATA

RCA RADIOTRON DIVISION
RCA MANUFACTURING COMPANY, INC.

6L5-G

6L5-G

AVERAGE PLATE CHARACTERISTICS



MARCH 8, 1938

RCA RADIOTRON DIVISION
RCA MANUFACTURING COMPANY, INC.

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